

WHAT IS CLAIMED IS:

1.A film sticking/testing equipment, which is suitable for a plurality of touch pads being adhered with a film and being tested and each of the touch pads at a bottom thereof having a plurality of contact spots, comprising:

a transmission mechanism, having at least an input end and an output end and a delivering path between the input end and the output end; and

a film sticking apparatus, being disposed above the transmission mechanism behind the input end and on the transmitting path and further comprising:

a plurality of rollers;

a rolling belt, providing a surface thereof attached with a protect film and being wound on the rollers;

a film release base, having a turning corner, being disposed between any two of the rollers to be touch with the rolling belt;

a film adhering device, being disposed at a side of the turning corner to keep a spacing from turning corner; and

whereby, the touch pads can be delivered with the transmission mechanism from the input end to the output end along the delivering path; the protect film releases from the surface of the rolling belt at the turning corner and is attracted by the film adhering device and is adhered to the upper surface of each of the touch pads.

2. The film sticking/testing equipment according to claim 1, wherein the transmission mechanism connects with a test apparatus at the delivering path behind the film adhering device.

3. The film sticking/testing equipment according to claim 1, wherein the test apparatus further comprises:

a test platform, providing at least a probe for contacting with one of the contact spots;

a computer device, electrically connecting with the probe; and at least a test rod, being capable of moving a locus at the upper

surface of the touch pad;

whereby, the test rod can carry a test value output from the touch pad to the computer device and the test value can be compared with a preset value in the computer.

5 4. The film sticking/testing equipment according to claim 1, wherein one of the rollers is a feed roller and an end of the rolling belt is fixedly attached to the feed roller.

5. The film sticking/testing equipment according to claim 4, wherein the feed roller is a driven roller.

10 6. The film sticking/testing equipment according to claim 4, wherein another one of the rollers is a take up roller and another end of the rolling belt is fixedly attached to the take up roller.

7. The film sticking/testing equipment according to claim 6, wherein the take up roller is a driving roller.

15 8. The film sticking/testing equipment according to claim 6, wherein a further one of the rollers is a delivering roller, which is disposed between the feed roller and the take up roller.

9. The film sticking/testing equipment according to claim 8, wherein the delivering roller is a driven roller.

20 10. The film sticking/testing equipment according to claim 1, wherein the film adhering device further comprises:

 a suction device; and

 an actuation device, being connected to the suction device for moving the suction device; wherein

25 the suction device further comprises:

 at least a vacuum tube;

 a sucking disc, providing at the surface thereof a plurality of attracting apertures, being disposed at an end of the vacuum tube and the attracting apertures communicating with the vacuum tube; and

30 a sucking air machine, being attached to the vacuum tube.

11. The film sticking/testing equipment according to claim 10, wherein the film adhering device further comprises an alignment device

and the alignment device further comprises:

a L shaped stop block, being disposed on the sucking disc; and
at least an urging piece, being disposed at a lateral side of
the sucking disc to push the edge of the protect film against the L shaped
5 stop block.

12. The film sticking/testing equipment according to claim 1 further
comprises a distribution device and the distribution device comprises:

at least a bearing tray for carrying the touch pads; and
a sliding servo table, being connected to the bearing tray and
10 actuating the bearing tray to move for dispensing the touch pads.

13. A film sticking apparatus suitable for adhering a protect film
to the upper surface of a touch pad comprising:

a plurality of rollers;
a rolling belt, providing a surface thereof attached with a
15 protect film and being wound on the rollers;
a film release base, having a turning corner, being disposed
between any two of the rollers to be touch with the rolling tape;
a film adhering device, being disposed at a side of the turning
corner to keep a spacing from turning corner;

20 whereby, the touch pad can be delivered from the input end to the
output end along the delivering path; the protect film releases from the
surface of the rolling belt at the turning corner and is attracted by
the film adhering device and is adhered to the upper surface of each of
the touch pads.

25 14. The film sticking/testing equipment according to claim 13, wherein
one of the rollers is a feed roller and an end of the rolling belt is
fixedly attached to the feed roller.

15. The film sticking/testing equipment according to claim 14,
wherein the feed roller is a driven roller.

30 16. The film sticking/testing equipment according to claim 14,
wherein another one of the rollers is a take up roller and another end
of the rolling belt is fixedly attached to the take up roller.

17. The film sticking/testing equipment according to claim 16, wherein the take up roller is a driving roller.

18. The film sticking/testing equipment according to claim 14, wherein a further one of the rollers is a delivering roller and the
5 delivering roller is disposed between the feed roller and the take up roller.

19. The film sticking/testing equipment according to claim 18, wherein the delivering roller is a driven roller.

20. The film sticking/testing equipment according to claim 13, wherein the sticking film device further comprises:
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a suction device; and

an actuation device, being connected to the suction device for moving the suction device; wherein

the suction device further comprises:

15 at least a vacuum tube;

a sucking disc, providing at the surface thereof a plurality of attracting apertures, being disposed at an end of the vacuum tube and the attracting apertures communicating with the vacuum tube; and

a sucking air machine, being attached to the vacuum tube.

20 21. The film sticking/testing equipment according to claim 20, wherein the sticking film device further comprises an alignment device and the alignment device further comprises:

a L shaped stop block, being disposed on the sucking disc; and

25 at least an urging piece, being disposed at a lateral side of the sucking disc to push the edge of the protect film against the L shaped stop block.

22. A test apparatus, which is suitable for testing at least a touch pad having a plurality of contact spots at the bottom thereof, comprising:

30 a test platform, providing at least a probe for contacting with one of the contact spots,

a computer device, electrically connecting with the probe; and

at least a test rod, being capable of moving a locus at the upper

surface of the touch pad;

whereby, the test rod can carry a test value output from the touch pad to the computer device and the test value can be compared with a preset value in the computer.

5 23. The test apparatus according to claim 22 further comprises a distribution device and the distribution device comprises:

at least a bearing tray for carrying the touch pads; and

a sliding servo table, being connected to the bearing tray and actuating the bearing tray to move for dispensing the touch pads.

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